

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L1</u>	(particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with rubber	42924	<u>L1</u>
<u>L2</u>	(particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with elastomer	10429	<u>L2</u>
<u>L3</u>	(particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with elastomeric	5468	<u>L3</u>
<u>L4</u>	l1 or l2 or L3	52899	<u>L4</u>
<u>L5</u>	(rubber or elastomer or elastomeric) with conjugated diene	9793	<u>L5</u>
<u>L6</u>	(rubber or elastomer or elastomeric) with (vinyl near3 aromatic)	8067	<u>L6</u>
<u>L7</u>	l5 same L6	2495	<u>L7</u>
<u>L8</u>	l4 and L7	560	<u>L8</u>
<u>L9</u>	l7 same "1,4-trans bond"	1	<u>L9</u>
<u>L10</u>	l7 same "trans bond"	4	<u>L10</u>
<u>L11</u>	l7 same (trans with content)	19	<u>L11</u>
<u>L12</u>	l9 or l10	4	<u>L12</u>
<u>L13</u>	l11 not L12	15	<u>L13</u>
<u>L14</u>	L18 and l11	0	<u>L14</u>
<u>L15</u>	l8 and trans	92	<u>L15</u>
<u>L16</u>	((525/191 525/232 525/240)!.CCLS.) and L15	8	<u>L16</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
TRANS.DWPI,TDBD,EPAB,JPAB,USPT.	114343
TRAN.DWPI,TDBD,EPAB,JPAB,USPT.	27057
(2 AND TRANS).USPT,JPAB,EPAB,DWPI,TDBD.	4
(TRANS AND L2).USPT,JPAB,EPAB,DWPI,TDBD.	4

Database:

- US Patents Full-Text Database
- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

L3

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**DATE: Sunday, May 18, 2003 [Printable Copy](#) [Create Case](#)**Set Name Query**

side by side

Hit Count Set Name

result set

DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L1 akema-hiroshi\$.in. or toshihiro-tadaki\$.in. or yoshiyuki-udagawa\$.in.
or tomohisa-konno\$.in. or takafumi-fueki\$.in. or hajime-kondou\$.in.

76 L1L2 rubber and L158 L2L3 trans and L24 L3

END OF SEARCH HISTORY

WEST

Generate Collection

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Search Results - Record(s) 1 through 4 of 4 returned.☐ 1. Document ID: US 6559219 B2

L3: Entry 1 of 4

File: USPT

May 6, 2003

US-PAT-NO: 6559219

DOCUMENT-IDENTIFIER: US 6559219 B2

TITLE: Rubber compositions

DATE-ISSUED: May 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tadaki; Toshihiro	Tokyo			JP
Konno; Tomohisa	Tokyo			JP
Udagawa; Yoshiyuki	Tokyo			JP
<u>Akema; Hiroshi</u>	Tokyo			JP

US-CL-CURRENT: 524/495; 252/511, 524/261, 524/496, 525/261, 525/84

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Draw Desc	Image
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☐ 2. Document ID: US 6518350 B1

L3: Entry 2 of 4

File: USPT

Feb 11, 2003

US-PAT-NO: 6518350

DOCUMENT-IDENTIFIER: US 6518350 B1

TITLE: Rubber composition and tire

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kobayashi; Naokazu	Tokyo			JP
<u>Akema; Hiroshi</u>	Tokyo			JP
Tadaki; Toshihiro	Tokyo			JP
Nishibata; Syuji	Tokyo			JP

US-CL-CURRENT: 524/492; 524/114, 524/262, 524/495, 525/332.9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Draw Desc	Image
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☐ 3. Document ID: US 6362272 B1

L3: Entry 3 of 4

File: USPT

Mar 26, 2002

US-PAT-NO: 6362272

DOCUMENT-IDENTIFIER: US 6362272 B1

TITLE: Oil extended rubber and rubber composition

DATE-ISSUED: March 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tadaki; Toshihiro	Tokyo			JP
Kobayashi; Naokazu	Tokyo			JP
<u>Akema; Hiroshi</u>	Tokyo			JP

US-CL-CURRENT: 524/555; 524/493, 524/496, 526/335, 526/340

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWC	Draw Desc	Image
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☐ 4. Document ID: US 6344518 B1

L3: Entry 4 of 4

File: USPT

Feb 5, 2002

US-PAT-NO: 6344518

DOCUMENT-IDENTIFIER: US 6344518 B1

** See image for Certificate of Correction **

TITLE: Conjugated diolefin copolymer rubber and rubber composition

DATE-ISSUED: February 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kobayashi; Naokazu	Tokyo			JP
Tadaki; Toshihiro	Tokyo			JP
<u>Akema; Hiroshi</u>	Tokyo			JP

US-CL-CURRENT: 524/862; 524/484, 524/490, 524/491, 524/492, 524/865, 525/332.8,
525/332.9, 525/333.1, 526/279, 526/340, 526/347

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWC	Draw Desc	Image
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Term	Documents
TRANS.DWPI,TDBD,EPAB,JPAB,USPT.	114343
TRAN.DWPI,TDBD,EPAB,JPAB,USPT.	27057
(2 AND TRANS).USPT,JPAB,EPAB,DWPI,TDBD.	4
(TRANS AND L2).USPT,JPAB,EPAB,DWPI,TDBD.	4

Display Format:

Set Name Query
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result set*DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L1</u>	(particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with rubber	42924	<u>L1</u>
<u>L2</u>	(particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with elastomer	10429	<u>L2</u>
<u>L3</u>	(particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with elastomeric	5468	<u>L3</u>
<u>L4</u>	l1 or l2 or L3	52899	<u>L4</u>
<u>L5</u>	(rubber or elastomer or elastomeric) with conjugated diene	9793	<u>L5</u>
<u>L6</u>	(rubber or elastomer or elastomeric) with (vinyl near3 aromatic)	8067	<u>L6</u>
<u>L7</u>	l5 same L6	2495	<u>L7</u>
<u>L8</u>	l4 and L7	560	<u>L8</u>
<u>L9</u>	l7 same "1,4-trans bond"	1	<u>L9</u>
<u>L10</u>	l7 same "trans bond"	4	<u>L10</u>
<u>L11</u>	l7 same (trans with content)	19	<u>L11</u>

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 4 of 4 returned.**☐ 1. Document ID: JP 61095065 A

L10: Entry 1 of 4

File: JPAB

May 13, 1986

PUB-NO: JP361095065A

DOCUMENT-IDENTIFIER: JP 61095065 A

TITLE: RESIN COMPOSITION WITH HIGH STRESS CRACK AND IMPACT RESISTANCE

PUBN-DATE: May 13, 1986

INVENTOR-INFORMATION:

NAME

COUNTRY

SUZUKI, KEIJI

INT-CL (IPC): C08L 71/04; C08L 25/04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: JP 61095064 A

L10: Entry 2 of 4

File: JPAB

May 13, 1986

PUB-NO: JP361095064A

DOCUMENT-IDENTIFIER: JP 61095064 A

TITLE: RESIN COMPOSITION WITH HIGH STRESS CRACK AND IMPACT RESISTANCE

PUBN-DATE: May 13, 1986

INVENTOR-INFORMATION:

NAME

COUNTRY

SUZUKI, KEIJI

INT-CL (IPC): C08L 71/04; C08L 25/04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: EP 1298166 A1 WO 200200779 A1

L10: Entry 3 of 4

File: DWPI

Apr 2, 2003

DERWENT-ACC-NO: 2002-268785

DERWENT-WEEK: 200325

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TITLE: Rubber composition for tire treads, comprises crosslinked rubber particles made from conjugated diene, aromatic vinyl monomer and unsaturated monomer, and conjugated diene-aromatic vinyl copolymer rubber

INVENTOR: AKEMA, H; FUEKI, T ; KONDOU, H ; KONNO, T ; TADAKI, T ; UDAGAWA, Y

PRIORITY-DATA: 2000JP-0197065 (June 29, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1298166 A1	April 2, 2003	E	000	C08L009/06
WO 200200779 A1	January 3, 2002	J	049	C08L009/06

INT-CL (IPC): C08 K 3/04; C08 K 3/34; C08 K 3/36; C08 L 9/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 4. Document ID: EP 711809 A1 IT 1276867 B

L10: Entry 4 of 4

File: DWPI

May 15, 1996

DERWENT-ACC-NO: 1996-232081

DERWENT-WEEK: 199842

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TITLE: Thermoplastic compsn. used for soles of sports shoes - comprises vinyl aromatic-conjugated diene polymers and alkenyl polymers, and compsn has good abrasion resistance

INVENTOR: BALDUCCI, S; RICCI, I F

PRIORITY-DATA: 1994IT-MI02275 (November 10, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 711809 A1	May 15, 1996	E	007	C08L053/02
IT 1276867 B	November 3, 1997		000	C08F000/00

INT-CL (IPC): A43 B 13/00; C08 F 0/00; C08 L 53/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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Generate Collection

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Term	Documents
"TRANS BOND".DWPI,TDBD,EPAB,JPAB,USPT.	0
(7 SAME "TRANS BOND").USPT,JPAB,EPAB,DWPI,TDBD.	4
(L7 SAME "TRANS BOND").USPT,JPAB,EPAB,DWPI,TDBD.	4

Display Format:

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Change Format

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Set Name Query
side by side

DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L1</u>	(particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with rubber
<u>L2</u>	(particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with elastomer
<u>L3</u>	(particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with elastomeric
<u>L4</u>	l1 or l2 or L3
<u>L5</u>	(rubber or elastomer or elastomeric) with conjugated diene
<u>L6</u>	(rubber or elastomer or elastomeric) with (vinyl near3 aromatic)
<u>L7</u>	l5 same L6
<u>L8</u>	l4 and L7
<u>L9</u>	l7 same "1,4-trans bond"
<u>L10</u>	l7 same "trans bond"
<u>L11</u>	l7 same (trans with content)
<u>L12</u>	l9 or l10
<u>L13</u>	l11 not L12

Hit Count Set Name
result set

42924	<u>L1</u>
10429	<u>L2</u>
5468	<u>L3</u>
52899	<u>L4</u>
9793	<u>L5</u>
8067	<u>L6</u>
2495	<u>L7</u>
560	<u>L8</u>
1	<u>L9</u>
4	<u>L10</u>
19	<u>L11</u>
4	<u>L12</u>
15	<u>L13</u>

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 15 returned.**☐ 1. Document ID: US 6359034 B1

L13: Entry 1 of 15

File: USPT

Mar 19, 2002

US-PAT-NO: 6359034

DOCUMENT-IDENTIFIER: US 6359034 B1

TITLE: Preparation of elastomer reinforced with in situ formed silica and tire having component thereof

DATE-ISSUED: March 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Visel; Friedrich	Bofferdange			DE
Lauer; Wolfgang	Mersch			DE
Frank; Uwe Ernst	Marpingen			DE
Zimmer; Rene Jean	Howald			DE

US-CL-CURRENT: 523/212; 152/209.1, 156/114, 428/446, 524/262, 524/264, 524/265, 524/492[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KWC](#) [Draw Desc](#) [Image](#)☐ 2. Document ID: US 6313220 B1

L13: Entry 2 of 15

File: USPT

Nov 6, 2001

US-PAT-NO: 6313220

DOCUMENT-IDENTIFIER: US 6313220 B1

TITLE: Preparation of reinforced elastomer, elastomer composite, and tire having component thereof

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Materne; Thierry Florent Edme	B-6700 Viville			BE
Bowen, III; Daniel Edward	Munroe Falls	OH	44262	
Kayser; Francois	Luxembourg L-1525			LU
Castner; Eric Sean	Uniontown	OH	44685	

US-CL-CURRENT: 524/863; 524/266, 524/268, 524/858, 524/860, 525/100, 525/15, 528/18, 528/34[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KWC](#) [Draw Desc](#) [Image](#)

☐ 3. Document ID: US 6172138 B1

L13: Entry 3 of 15

File: USPT

Jan 9, 2001

US-PAT-NO: 6172138

DOCUMENT-IDENTIFIER: US 6172138 B1

TITLE: Reinforced elastomer preparation, elastomer composite and tire having component thereof

DATE-ISSUED: January 9, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Materne; Thierry Florent Edme	Fairlawn	OH		
Agostini; Giorgio	Colmar-Berg			LU
Thielen; Georges Marcel Victor	Ettelbruck			LU

US-CL-CURRENT: 523/212; 152/151, 524/492, 524/493

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 4. Document ID: US 6172137 B1

L13: Entry 4 of 15

File: USPT

Jan 9, 2001

US-PAT-NO: 6172137

DOCUMENT-IDENTIFIER: US 6172137 B1

TITLE: Rubber composition and tire having tread thereof

DATE-ISSUED: January 9, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agostini; Giorgio	Colmar-Berg			LU
Materne; Thierry Florent Edme	Attart			BE

US-CL-CURRENT: 523/212; 152/450, 523/215, 524/492, 524/495, 524/571, 524/572, 524/575

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 5. Document ID: US 6166108 A

L13: Entry 5 of 15

File: USPT

Dec 26, 2000

US-PAT-NO: 6166108

DOCUMENT-IDENTIFIER: US 6166108 A

TITLE: Preparation of reinforced elastomer, elastomer composite and tire having component thereof

DATE-ISSUED: December 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Materne; Thierry Florent Edme	Fairlawn	OH		
Agostini; Giorgio	Colmar-Berg			LU
Thielen; Georges Marcel Victor	Ettelbruck			LU

US-CL-CURRENT: 523/212; 152/151, 524/492, 524/493

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMAC	Draw Desc	Image
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☐ 6. Document ID: US 6160047 A

L13: Entry 6 of 15

File: USPT

Dec 12, 2000

US-PAT-NO: 6160047

DOCUMENT-IDENTIFIER: US 6160047 A

TITLE: Rubber composition and tire having tread thereof

DATE-ISSUED: December 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agostini; Giorgio	Colmar-Berg			LU
Materne; Thierry Florent Edme	Atttert			BE

US-CL-CURRENT: 524/494; 152/209.1, 523/200, 523/212, 524/262, 524/495

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMAC	Draw Desc	Image
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☐ 7. Document ID: US 6156822 A

L13: Entry 7 of 15

File: USPT

Dec 5, 2000

US-PAT-NO: 6156822

DOCUMENT-IDENTIFIER: US 6156822 A

TITLE: Prepared reinforced elastomer, elastomer composite and tire having component thereof

DATE-ISSUED: December 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Materne; Thierry Florent Edme	Fairlawn	OH		
Agostini; Giorgio	Colmar-Berg			LU
Thielen; Georges Marcel Victor	Ettelbruck			LU

US-CL-CURRENT: 523/212; 152/151, 524/492, 524/493

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMAC	Draw Desc	Image
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☐ 8. Document ID: US 5743973 A

L13: Entry 8 of 15

File: USPT

Apr 28, 1998

US-PAT-NO: 5743973

DOCUMENT-IDENTIFIER: US 5743973 A

TITLE: Tire with electrically oriented composite

DATE-ISSUED: April 28, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Krishnan; Ram Murthy	Munroe Falls	OH		
Belski; Gary Thomas	Massillon	OH		

US-CL-CURRENT: 152/152.1; 152/510, 152/525, 152/548

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWOC	Draw Desc	Image
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☐ 9. Document ID: US 5723531 A

L13: Entry 9 of 15

File: USPT

Mar 3, 1998

US-PAT-NO: 5723531

DOCUMENT-IDENTIFIER: US 5723531 A

TITLE: Rubber composition and tire having tread thereof

DATE-ISSUED: March 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Visel; Friedrich	Bofferdange			LU
Materne; Thierry Florent Edme	Attert			BE
Frank; Uwe Ernst	Marpingen			DE
Zimmer; Rene Jean	Howald			LU

US-CL-CURRENT: 524/496; 524/137, 524/207, 524/495

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWOC	Draw Desc	Image
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☐ 10. Document ID: US 5202499 A

L13: Entry 10 of 15

File: USPT

Apr 13, 1993

US-PAT-NO: 5202499

DOCUMENT-IDENTIFIER: US 5202499 A

TITLE: Liquid telechelic polymers having high 1,4-diene structure

DATE-ISSUED: April 13, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hargis; I. Glen	Tallmadge	OH		
Fabris; Hubert J.	Akron	OH		
Wilson; John A.	Akron	OH		
Livigni; Russell A.	Akron	OH		

US-CL-CURRENT: 568/587; 260/665R, 502/152, 502/153, 502/171

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 15 of 15 returned.**☐ 11. Document ID: US 4129705 A

L13: Entry 11 of 15

File: USPT

Dec 12, 1978

US-PAT-NO: 4129705

DOCUMENT-IDENTIFIER: US 4129705 A

**** See image for Certificate of Correction ****

TITLE: Polymerization process

DATE-ISSUED: December 12, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
de Zarauz; Yves	Le Cendre			FR

US-CL-CURRENT: 526/175; 526/174, 526/176, 526/177, 526/178, 526/180, 526/181

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 12. Document ID: US 4092268 A

L13: Entry 12 of 15

File: USPT

May 30, 1978

US-PAT-NO: 4092268

DOCUMENT-IDENTIFIER: US 4092268 A

**** See image for Certificate of Correction ****

TITLE: Catalytic composition

DATE-ISSUED: May 30, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
de Zarauz; Yves	Le Cendre			FR

US-CL-CURRENT: 502/153; 502/154

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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FWMC	Draw Desc	Image
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☐ 13. Document ID: US 4079176 A

L13: Entry 13 of 15

File: USPT

Mar 14, 1978

US-PAT-NO: 4079176

DOCUMENT-IDENTIFIER: US 4079176 A

TITLE: Polymerization process

DATE-ISSUED: March 14, 1978

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
deZarauz; Yves	Le Cendre			FR

US-CL-CURRENT: 526/177; 526/176, 526/178

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 14. Document ID: EP 1152030 A2 JP 2002020543 A US 20010053813 A1

L13: Entry 14 of 15

File: DWPI

Nov 7, 2001

DERWENT-ACC-NO: 2002-084274

DERWENT-WEEK: 200222

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TITLE: Rubber composition useful as rubber product used as material for industrial product, e.g. rubber roll, comprises crosslinked rubber particle and conjugated diene/aromatic vinyl copolymeric rubber

INVENTOR: AKEMA, H; KONNO, T ; TADAKI, T ; UDAGAWA, Y

PRIORITY-DATA: 2000JP-0132714 (May 1, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1152030 A2	November 7, 2001	E	019	C08L009/06
JP 2002020543 A	January 23, 2002		014	C08L009/06
US 20010053813 A1	December 20, 2001		000	C08L033/00

INT-CL (IPC): C08 F 236/10; C08 K 3/04; C08 K 3/36; C08 L 9/06; C08 L 33/00; C08 F 212:04; C08 F 212:36; C08 F 220:34; C08 F 236/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 15. Document ID: EP 1149867 A2 JP 2002012633 A US 20020007011 A1

L13: Entry 15 of 15

File: DWPI

Oct 31, 2001

DERWENT-ACC-NO: 2002-063464

DERWENT-WEEK: 200220

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TITLE: Crosslinked rubber particle useful in rubber composition, comprises conjugated diene unit, aromatic vinyl unit, and monomer units having polymerizable unsaturated and functional groups

INVENTOR: AKEMA, H; KONNO, T ; TADAKI, T ; UDAGAWA, Y

PRIORITY-DATA: 2000JP-0128145 (April 27, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1149867 A2	October 31, 2001	E	020	C08L009/06
JP 2002012633 A	January 15, 2002		014	C08F236/10
US 20020007011 A1	January 17, 2002		000	C08L051/00

INT-CL (IPC): C08 F 236/10; C08 K 3/04; C08 K 3/36; C08 K 5/541; C08 L 9/00; C08 L

Set Name Query
side by side

DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L1 (particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with rubber

L2 (particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with elastomer

L3 (particle or particulate or powder or granule or crumb or dust or spherulite or pulverulent) with elastomeric

L4 l1 or l2 or L3

L5 (rubber or elastomer or elastomeric) with conjugated diene

L6 (rubber or elastomer or elastomeric) with (vinyl near3 aromatic)

L7 l5 same L6

L8 l4 and L7

L9 l7 same "1,4-trans bond"

L10 l7 same "trans bond"

L11 l7 same (trans with content)

L12 l9 or l10

L13 l11 not L12

L14 L18 and l11

Hit Count Set Name
result set

42924 L1

10429 L2

5468 L3

52899 L4

9793 L5

8067 L6

2495 L7

560 L8

1 L9

4 L10

19 L11

4 L12

15 L13

0 L14

END OF SEARCH HISTORY

WEST

Generate Collection

Print

Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 6555624 B2

L16: Entry 1 of 8

File: USPT

Apr 29, 2003

US-PAT-NO: 6555624

DOCUMENT-IDENTIFIER: US 6555624 B2

TITLE: Thermoplastic crosslinked rubber composition

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nishihara; Hajime	Yokohama			JP
Suda; Yoshikazu	Tokyo			JP
Ohtani; Ikuji	Yokohama			JP
Sasaki; Sigeru	Yokohama			JP

US-CL-CURRENT: 525/191; 525/232, 525/240, 525/241

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWAC	Draw Desc	Image
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☐ 2. Document ID: US 6448336 B1

L16: Entry 2 of 8

File: USPT

Sep 10, 2002

US-PAT-NO: 6448336

DOCUMENT-IDENTIFIER: US 6448336 B1

TITLE: Resin modifier, resin composition containing the same, and polyaromatic vinyl resin composition

DATE-ISSUED: September 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Toyoshima; Tetsuya	Kawasaki			JP
Noguchi; Koukichi	Kawasaki			JP
Nakamura; Masao	Kawasaki			JP

US-CL-CURRENT: 525/191; 525/232, 525/240

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWAC	Draw Desc	Image
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☐ 3. Document ID: US 6395833 B1

L16: Entry 3 of 8

File: USPT

May 28, 2002

US-PAT-NO: 6395833

DOCUMENT-IDENTIFIER: US 6395833 B1

TITLE: Thermoplastic elastomeric resin composition and a granule thereof

DATE-ISSUED: May 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tasaka; Michihisa	Tokyo			JP
Yamanaka; Toshimi	Tokyo			JP

US-CL-CURRENT: 525/192; 525/193, 525/194, 525/203, 525/205, 525/221, 525/232, 525/233,
525/236, 525/241, 525/244

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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☐ 4. Document ID: US 6232404 B1

L16: Entry 4 of 8

File: USPT

May 15, 2001

US-PAT-NO: 6232404

DOCUMENT-IDENTIFIER: US 6232404 B1

TITLE: Elastomer blend and use in tires

DATE-ISSUED: May 15, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sandstrom; Paul Harry	Tallmadge	OH		
Blok; Edward John	Wadsworth	OH		
Zanzig; David John	Uniontown	OH		
Colvin; Howard Allen	Tallmadge	OH		
Senyek; Michael Leslie	Tallmadge	OH		

US-CL-CURRENT: 525/197; 152/450, 525/198, 525/240, 525/241

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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Full	Draw Desc	Image
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☐ 5. Document ID: US 5753761 A

L16: Entry 5 of 8

File: USPT

May 19, 1998

US-PAT-NO: 5753761

DOCUMENT-IDENTIFIER: US 5753761 A

TITLE: Method of preparing trans polybutadiene blend for use in tires

DATE-ISSUED: May 19, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sandstrom; Paul Harry	Tallmadge	OH		
Zanzig; David John	Uniontown	OH		
Calderon; Nissim	Akron	OH		

US-CL-CURRENT: 525/236; 152/450, 156/110.1, 525/197, 525/198, 525/232

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 6. Document ID: US 4272436 A

L16: Entry 6 of 8

File: USPT

Jun 9, 1981

US-PAT-NO: 4272436

DOCUMENT-IDENTIFIER: US 4272436 A

TITLE: Composition and method of improving the green strength of unvulcanized reclaimed rubber

DATE-ISSUED: June 9, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lal; Joginder	Akron	OH		
Walters; Sandra J.	Stow	OH		

US-CL-CURRENT: 525/216; 524/525, 525/232, 525/236, 525/237

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 7. Document ID: US 4243561 A

L16: Entry 7 of 8

File: USPT

Jan 6, 1981

US-PAT-NO: 4243561

DOCUMENT-IDENTIFIER: US 4243561 A

TITLE: Composition and method of improving the green strength of unvulcanized [elastomer] reclaimed rubber elastomer blends

DATE-ISSUED: January 6, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lal; Joginder	Akron	OH		
Walters; Sandra J.	Stow	OH		

US-CL-CURRENT: 521/42; 525/232, 525/237

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMK	Draw Desc	Image
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☐ 8. Document ID: US 4198324 A

L16: Entry 8 of 8

File: USPT

Apr 15, 1980

US-PAT-NO: 4198324

DOCUMENT-IDENTIFIER: US 4198324 A

** See image for Certificate of Correction **

TITLE: Composition and method of improving the green strength of unvulcanized elastomers